

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	62575	("313").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 10:42
L2	9317	("445").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 10:42
L3	67672	1 2	US-PGPUB; USPAT	OR	ON	2006/08/30 10:42
L4	28777	3 and @ad<"20030328"	US-PGPUB; USPAT	OR	ON	2006/08/30 10:42
L5	578	4 and (nanomorphie nanotube nanocrystal nanoflake nanofilament nanowhiskee nanoparticle nano\$tube nano\$morphie nano\$crystal nano\$flake nano\$filament nano\$whisker nano\$particle CNT MWNT MWCNT SWCNT SWNT (nano near3 (morphie tube crystal flake filament whisker particle)))	US-PGPUB; USPAT	OR	ON	2006/08/30 10:46
L6	14	5 and flatness	US-PGPUB; USPAT	OR	ON	2006/08/30 10:43
L7	450	((nanomorphie nanotube nanocrystal nanoflake nanofilament nanowhiskee nanoparticle nano\$tube nano\$morphie nano\$crystal nano\$flake nano\$filament nano\$whisker nano\$particle CNT MWNT MWCNT SWCNT SWNT (nano near3 (morphie tube crystal flake filament whisker particle))) and flatness) not 6	US-PGPUB; USPAT	OR	ON	2006/08/30 10:51
L8	1	("20030027478").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/30 10:55
L9	1	("6183714").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/30 10:55
S1	1	("6232706").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 11:52
S2	43	("4272699"   "5697827"   "5725524"   "5726524"   "5773834"   "5773921"   "5872422"   "5973444").PN. OR ("6232706").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/13 10:09
S3	8	"6515415"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 10:22

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S4	1	("20030044537").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 10:12
S5	1	("6515415").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 10:13
S6	8869	("445").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/10/13 10:22
S7	42	S6 and Liu.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 10:25
S8	192	S6 and ((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:51
S9	105	S8 and ((sacrificial remov\$5) near6 (substrate layer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 10:28
S10	53	S9 and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 11:30
S11	47	("5764004"   "5773921"   "5973444").PN. OR ("6146227").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/13 10:33
S12	53	S10 and (cathode electrode anode gate)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 11:15
S13	1	("20040209385").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 11:46
S14	1	("6116975").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 11:46

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S15	172	S8 and cathode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 11:52
S16	170	S15 and (field FED)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 12:49
S17	120	S8 and ((substrate plate layer) near5 thick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 12:49
S18	70	S17 and ((substrate plate layer) near5 etch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:17
S19	1	("6628053").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 13:18
S20	57	S8 and ((substrate plate layer) near5 (flat\$4 rough\$4 corrogat\$5 polish\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:19
S21	3	S20 and (((substrate plate layer) near5 (flat\$4 rough\$4 corrogat\$5 polish\$5)) near5 (nm nanometer micron ".mu."))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:20
S22	18	S20 and ((substrate plate layer) near5 (flatness rough\$4 corrogat\$5 polish\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:22
S23	6	S20 and ((substrate plate layer) near5 (flatness roughness))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:24

## EAST Search History

S24	26517	(carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 13:24
S25	200	S24 and ((substrate plate layer with (flatness roughness))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:26
S26	42	S25 and (((substrate plate layer with (flatness roughness)) with (nm nanometer micron ".mu." angstrom))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:36
S27	1	("20030049381").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 13:45
S28	1	("6232706").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 13:45
S29	4	S8 and (((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT)) with (clean\$4 and laser))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/13 13:53

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S30	59	(((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT)) with (clean\$4 and laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 13:59
S31	23	(((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT)) with (clean\$4 with laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 14:15

## EAST Search History

S32	0	((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT)) with (clean\$4 with laser))	JPO; DERWENT	OR	ON	2005/10/13 14:14
S33	0	((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nano\$tube nano\$flake nano\$filament nano\$whisker nano\$particle nano\$meter)) or (carbon\$nano\$tube carbon\$nano\$flake carbon\$nano\$filament carbon\$nano\$whisker carbon\$nano\$particle carbon\$nano\$meter) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nano\$particle carbon\$nanometer) or (CNT MWNT SWNT)) with (polish\$4 with laser))	JPO; DERWENT	OR	ON	2005/10/13 14:14

## EAST Search History

S34	0	((carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon near2 (nanotube nanoflake nanofilament nanowhisker nanoparticle nanometer)) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nanoparticle carbon\$nanometer) or (carbon\$nanotube carbon\$nanoflake carbon\$nanofilament carbon\$nanowhisker carbon\$nanoparticle carbon\$nanometer) or (CNT MWNT SWNT)) with (polish\$4 with laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 14:15
S35	1	("6232706").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/29 12:05
S36	9317	("445").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/08/29 14:24
S37	4708	S36 and @ad<"20030328"	US-PGPUB; USPAT	OR	ON	2006/08/29 14:36
S38	143	S37 and (nanomorphie nanotube nanocrystal nanoflake nanofilament nanowhisker nanoparticle nanotube nanomorphie nanocrystal nanoflake nanofilament nanowhisker nanoparticle CNT MWNT MWCNT SWCNT SWNT (nano near3 (morphie tube crystal flake filament whisker particle)))	US-PGPUB; USPAT	OR	ON	2006/08/29 14:52
S39	17619	liu.inv.	US-PGPUB; USPAT	OR	ON	2006/08/29 14:38
S40	447	S39 and (nanomorphie nanotube nanocrystal nanoflake nanofilament nanowhisker nanoparticle nanotube nanomorphie nanocrystal nanoflake nanofilament nanowhisker nanoparticle CNT MWNT MWCNT SWCNT SWNT (nano near3 (morphie tube crystal flake filament whisker particle)))	US-PGPUB; USPAT	OR	ON	2006/08/30 10:42
S41	53	S40 and liang.inv.	US-PGPUB; USPAT	OR	ON	2006/08/29 14:39

## EAST Search History

S42	131	S38 and (catalyst ((seed grow\$4 form\$4 donor) near2 (plate base foil sheet panel board compound substrate wafer region structure element layer film member)))	US-PGPUB; USPAT	OR	ON	2006/08/29 16:00
S43	125	S42 and (cathode electrode)	US-PGPUB; USPAT	OR	ON	2006/08/29 14:53
S44	0	("6935915").URPN.	USPAT	OR	ON	2006/08/29 15:11
S45	0	("6935915").URPN.	USPAT	OR	ON	2006/08/29 15:11
S46	6	("20020171347"   "20030049875"   "5587720"   "5969467"   "6333598"   "6448701").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/29 15:33
S47	1	("20030027478").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/29 15:48
S48	0	("69232706").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/29 15:48
S49	1	("6232706").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/29 15:50
S50	1	("20030049381").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/29 15:50